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(71) Applicant (for all designated States except US): POLARIS S.R.L. [IT/IT]; Via Zucchi, 1, I-20052 Monza (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MASETTO, Gian, Claudio [IT/IT]; MASETTO, Gian, Claudio, Via D'Azeglio, 2, I-20052 Monza (IT). MASETTO, Mario [IT/IT]; Via Grossi, 6, I-20052 Monza (IT). MASETTO, Francesco [IT/IT]; Via Tazzoli, 37, I-20052 Monza (IT).

(74) Agent: PREMUR, Rok; Via De Amicis, 4, I-20052 Monza (IT).

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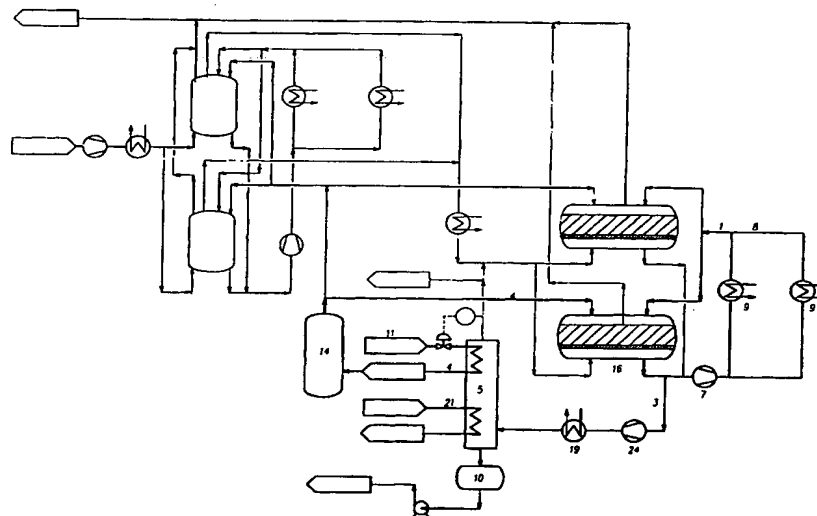
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(54) Title: METHOD AND SYSTEM FOR DESORPTION AND RECOVERY OF DESORBED COMPOUNDS



(57) Abstract: A method for desorption and recovery of desorbed compounds, including the steps of generating a recirculating stream of inert gas (1), which passes through the material (2) to be desorbed, heating such inert gas stream to a temperature sufficient to cause the desorption process, yielding a gas effluent (3) from such recirculating stream of inert gas (1) in such a manner that the recirculated gas keeps a constant pressure, cooling such gas effluent to cause condensation of the desorbed compounds contained in such gas effluent (3), said cooling being obtained at least partly by pressure vaporization of a cryogenic fluid (4), and feeding such recirculating gas stream (1) by using at least a part of such pressure vaporized cryogenic fluid that was previously used to cool at least a part of the gas effluent (3).

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